

Table of Contents

Executive Summary

Section 1: Introduction

Section 2: Industry Analysis

Section 3: Analysis of the Risk Framework

Approach to the Risk Framework, Industry and Financial Interviews, and Roundtables

Findings from Industry

Financial Market's Perspectives

Alternative Risk Mitigation Approaches with Federal and Private-Sector Augmentation

Section 4: Conceptual Financial Model for New Reactors

Section 5: Scenarios & Sensitivity Analysis

Base Case Analysis of New Nuclear Power Plants and Sensitivity of Base Case Results to Key Variables

Sensitivity Results for Potential Mitigation Solutions

Section 6: Conclusions

Appendix A: Industry Background

Appendix B: Conceptual Financial Model for New Reactors

Disclaimer: This draft report was prepared to help the Department of Energy determine the barriers related to the deployment of new nuclear power plants but does not necessarily represent the views or policy of the Department.